CMS Bot Countdown Rules

The CMS Discord Bot hosts automated Countdown games in the CMS Discord Server for purposes of fun and training. Below are rules, tips, and guidelines to help make the game better for everyone.

1. **Beginning a Countdown game:**

   - Open a game with $CMSB > cd > open$(this can only be done in #countdown under "Math Competitions").
   - Wait for at least one more player to join the game (they can do so by reacting to the opening message with the 📥 emoji.)
   - Start the game by reacting to the message with the ✅ emoji.

2. **To respond to a problem:**

   - You have 45 seconds to answer each problem.
   - Type $CMSB > cd > answer$: (with a space on each side of the colon) command in front of your answer.
   - Enter your answer, typing n/d instead of $\frac{n}{d}$, Un/d instead of $U\frac{n}{d}$, pi instead of π, $sqrt[n](x)$ instead of $\sqrt[n]{x}$(use simply $sqrt(x)$ for $\sqrt{x}$), and omitting units and the end of your answer unless explicitly told not to.
   - Press enter(send the message).
   - *Note:* Once you start typing, the bot will register that you are answering the problem. You then have 5 seconds to enter your answer(no other players can respond during that time.) If you do not answer within those 5 seconds, your response is considered incorrect.

3. **Finishing a Countdown game:**

   - If a player correctly answers 4 problems in a game, they win the game.
   - A game can be manually ended with $CMSB > cd > end$.

4. **Rating system:**

   - A 🔷 represents a rating point.
   - Rating points are awarded to a player after they correctly answer a problem(amount based on difficulty, 2-6.)
   - A player loses rating rating if they incorrectly answer a problem(amount based on difficulty, 1-4.)
   - All players in a game lose rating points if they do not answer within 45 seconds(amount based on difficulty, 1-5.)
   - Based on number of problems answered, a player's rating change is determined after a win is achieved(the faster and higher their placing, the better, -25-25.)

5. **Guidelines:**

   - To be fair to new players, please do not respond to problems with a memorized answer.
   - Do not use other players solely to "farm" rating off of them - "farming" is playing opponents that you know you will easily win just to gain rating points.
   - Please report bugs that you find in the game system and do not abuse them.

6. **Tips and Strategies:**

   - Because you have time to actually enter your answer after you begin typing, if you can find the answer to a problem in 3 seconds or less, it is usually to your advantage to start typing and think of the answer in that time.
   - Have $CMSB > cd > answer$: in your clipboard(copy it) <u>before</u> you respond to the problems to save time.
   - Prepare scratch paper, a pencil, and/or other aids before you play a game to help with calculations.
   - Glance over the problem quickly, getting simply the main point. Read the actual question carefully.
   - Accuracy over speed! If your answer is shaky and you know that you will not run out of time or be beaten by your opponent in the next few seconds, double check the calculations you are unsure of.